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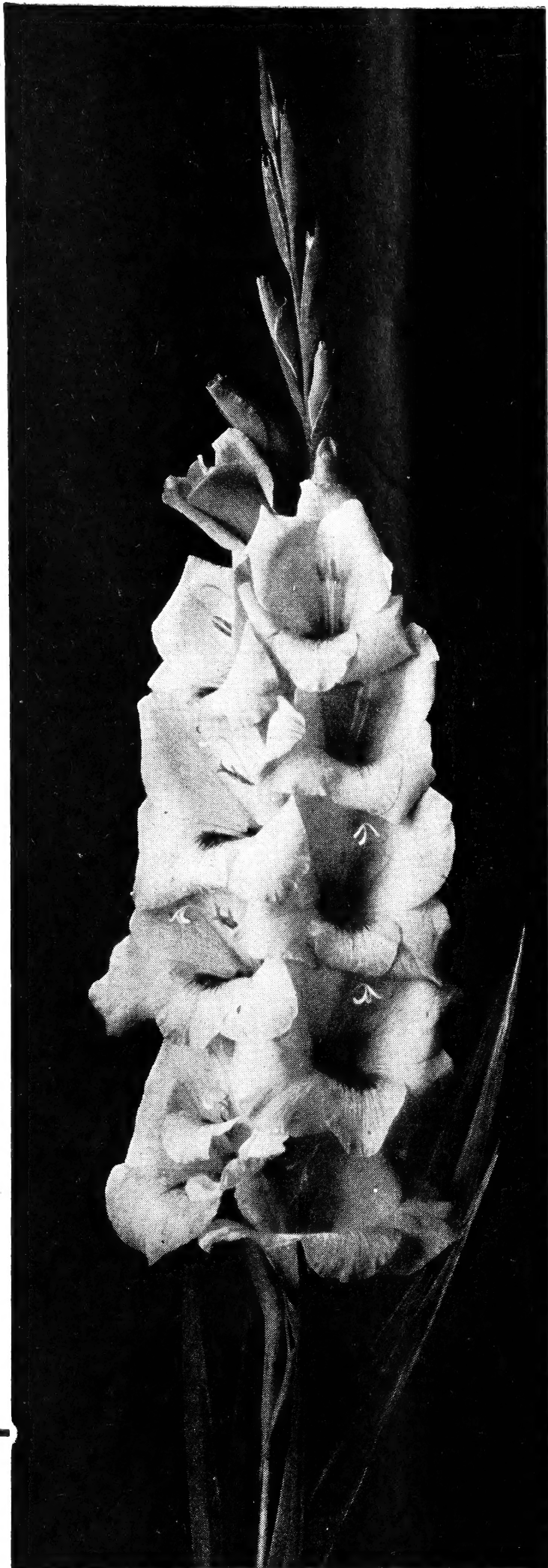
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U. S. Department of Agriculture



1949

GLADIOLUS

CARL SALBACH

657 WOODMONT AVENUE • BERKELEY 8, CALIF.

PLEASE READ CAREFULLY BEFORE ORDERING

Write your NAME and ADDRESS plainly

ORDER EARLY. Early orders are solicited to prevent disappointments in case the variety selected should be sold out.

GLADIOLUS will be ready for shipment early in December. Eastern orders, however, will be mailed between January 1st and March 15th only at purchaser's risk from freezing in transit.

SUBSTITUTIONS. If your order is late in the season, please advise if we may substitute; also suggest second choice.

TERMS. Remittances should accompany all orders unless satisfactory credit references are given. Remit by Postal or Express Money Orders or by drafts on American banks, when ordering from Canada or Mexico. Twenty-five per cent deposit should accompany all C. O. D. orders, and orders that are to be held for future shipment. The latter may be paid for before shipping time or sent C. O. D. for the balance.

POSTAGE. Seed orders for any amount sent postpaid. On bulb orders or combination seed and bulb orders of less than \$1.00, add 15c for packing and postage. All retail orders amounting to \$1.00 or over will be delivered free to all points reached by regular parcel post.

SALES TAX. Add 2½ per cent to cover tax on all goods delivered in California and any other tax that may be in effect at the time. No tax on vegetable seed.

NON-WARRANTY. We give no particular warranty, express or implied, as to the productiveness of any seeds, bulbs, rhizomes or plants we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the value of the items purchased. If the purchaser does not accept the goods on these terms no sale thereof is made and purchaser must return them at once, and money will be refunded.

REFERENCES. For our business standing, please refer to BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION; AMERICAN TRUST COMPANY, Berkeley, California.

MEMBER OF

ALAMEDA COUNTY FLORAL
SOCIETY

AMERICAN IRIS SOCIETY

BRITISH GLADIOLUS SOCIETY

BRITISH IRIS SOCIETY

DAHLIA SOCIETY OF CALIFORNIA

NEW ENGLAND GLADIOLUS
SOCIETY

FELLOW ROYAL HORTICULTURAL
SOCIETY

NORTH AMERICAN GLADIOLUS
COUNCIL

NORTHERN CALIFORNIA
GLADIOLUS SOCIETY

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DAHLIA SEED

We are growing only a limited number of selected dahlias that have proved extra fine seed parents. We will, therefore, be able to supply high grade dahlia seed as usual. See page 23.

DAHLIAS

We do not grow enough dahlias to list in this catalog, but can supply a limited assortment of choice large flowering varieties. If interested, we will gladly supply a list of the available varieties.

GIFTS FOR THE GARDEN

Gifts for the garden are always acceptable and especially so now. Gift of gladiolus and seeds will be enjoyed and appreciated long after they are received.

Our stock is of the best quality and we list the latest and finest varieties. Gladiolus are available from December 1 to June 1; Bearded Iris from June 1 to November 1; Daffodils, Hyacinths, Tulips and Dutch Iris from September 15 to January 1; Seeds at any time.

Gladiolus gift orders for Eastern States received before mid-March will be set aside until proper shipping time. Gift cards announcing the same will be mailed to recipients.

All orders will be carefully packed and sent prepaid. We will supply and enclose appropriate gift card if desired.

GLADIOLUS FOR CORSAGES

Some of the new ruffled gladiolus are very desirable for corsages, especially those in the pink and orchid shades. Some of these are as beautiful as any orchid, and because of their heavy texture, they do not crush or break easily, and are long lasting. The tip ends of the flower spikes are most desirable for this purpose.

NEW INTRODUCTIONS

This year we are not offering any new introductions of our own. We bloomed a number of seedlings, as in previous years, and among them were some very promising varieties; especially fine were several beautiful ruffled pinks and whites and some very outstanding large yellows with long flower spikes, also some in the orange shades.

Stock of these is very limited, but we hope to be able to offer several next season.

RECENT INTRODUCTIONS OF OTHER GROWERS

During the past two years, many new varieties have been offered. We grew most of these and observed many of them in the gardens of other growers. Only those that were outstanding and definite improvements on existing varieties are listed in our catalog. We can supply the following new varieties:

BLUE ICE. A new light blue that is a decided improvement over the older blues. Large blooms of soft blue, with cream throat markings. Good healthy grower. Fairly long straight flower head with 6 or more open blooms. A fine addition to the blue class.

L. each \$3.50; 3 for \$9.00
M. each \$2.50; 3 for \$6.50
Blbts. 5 for \$1.50

BRET HARTE (Sims). Large, brilliant light red of good form and firm substance. Tall growing, with long straight flower stems. 6 to 8 open blooms at one time. Perfect placement of blooms. Withstands heat and produces large, healthy bulbs. Early. Stock limited.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
S.	.20	.50	1.75
Blbts.	25	for	1.00

BUTTERSCOTCH (Langworthy). We did not grow this in 1948, but we did see it growing in several locations. In our opinion Butterscotch ranks with the best new introductions. The color is a very rich shade of yellow with pastel blotch of orange on lower petals. The blooms are of good size and are well placed on a long straight flower head. As many as 8 open at one time. Clean healthy grower, good increaser.

L. each 1.00; 3 for 2.50
M. each .75; 3 for 1.85
S. each .50; 3 for 1.25
Blbts. 10 for \$1.00

EVANGELINE (Palmer). Large ruffled La France pink to light rose with cream yellow throat. Tall, vigorous growing plants with strong, straight stems. 8 to 10 well

placed blooms open at one time, with a total of 18 to 20 blooms and buds. Bulblets germinate freely and produce large plants. A beautiful variety that has many prizes to its credit.

Any size bulb, each 5.00
12 Blbts. and any size bulb 10.00

GENERAL EISENHOWER (European). Very large new clear deep salmon pink. Long flower head with 6 to 8 open blooms. Tall, vigorous grower and generous producer of bulblets. Splendid cut flower.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
Blbts.	20	for	1.00

JOHAN VAN KONYNENBURG (European). One of the best of the recent European introductions. Tall vigorous growing plants. Large rich red blooms, perfectly placed on long flower heads. Up to 8 to 10 open blooms, with many buds showing color. An outstanding new red.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
Blbts.	20	for	1.00

LIP STICK (Balentine). New nicely ruffled pure shell pink, with bright rose red on lower petal. Tall plants, vigorous grower. Very striking in the garden. Good propagator.

		3	12
L.	.40	1.50	
M.	.30	1.00	
Blbts.	20	for	1.00

MISS VERMONT (Hatch). Beautifully ruffled clear delicate pink, with a slight lavender cast. Soft cream feathering in throat. Opens 8 to 10 medium size blooms on a long flower head. Plants medium tall, flower spikes always straight. Very attractive.

	Each	3	12
L.	.35	.85	3.00
M.	.25	.65	2.25

MRS. R. G. ERRY (Erry). Very large tall growing deep velvety red (almost black), that has recently been introduced in Australia. Long flower head with 6 to 8 open blooms. This is one of the finest in this color group. Stock limited. No large bulbs this season.

	Each	3	
Med.	1.25	3.50	
S.	.75	1.85	
Blbs.	10	for 1.50	

MYRNA FAY (Lins). A splendid new lavender. Good size blooms in a lively shade of orchid lavender with rose feathering on lower petals. As many as 8 open blooms. Tall plants, long flower head. Good healthy grower. Will be in demand as a cut flower.

	Each	3	12
L.	1.00	2.50	8.50
M.	.75	1.85	6.50
Blbs.	20	for 1.00	

ORANGE GOLD (Marshall). A splendid new bright golden orange. From 4 to 6 wide open blooms, well placed on a fairly long flower head. Strong healthy grower. One of the few good orange colored varieties.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
Blbs.	20	for 1.00	

PATROL (Palmer). Clear bright apricot with yellow throat. Tall grower, long straight flower head. As many as 10 open blooms with 8 or more buds. Blooms perfectly placed. Valuable addition to the apricot color class.

L. each 1.00; M. each .60; S. each .40
Blbs. 10 for .50

PHANTOM BEAUTY (Bastian). New tall growing variety in clear pleasing shades of light pink. Blooms are of medium large size, are perfectly placed on a long straight flower head. 10 to 12 open blooms with 8 or more buds showing color. Vig-

orous grower. Mid-season.

L. each 4.00; M. each 3.00; S. each 2.00
Blbs. 10 for 4.00

SPARKS. Big light yellow with bold orange scarlet blotch in throat. Large wide open blooms of good texture, well placed on long straight flower head. As many as 8 open blooms with 10 or more buds. Very clear colors. Mid-season.

	Each	3	12
L.	1.00	2.50	8.50
M.	.60	1.50	5.50
S.	.40	1.00	3.50
Blbs.	10	for .50	

SPIC and SPAN (Carlson). One of the new pinks that is becoming extremely popular. Tall plants, long straight flower spikes, with 8 to 10 beautifully ruffled open blooms. Winner of many prizes. Fine cut flower and very attractive in the garden.

L. each 1.75; M. each 1.50; S. each 1.25
Blbs. 10 for 1.50

SUN SPOT (Roberts). Nicely ruffled, new deep apricot yellow to buff, with rose red spot in throat. From 7 to 9 open blooms on long straight flower head. Strong grower and rapid increaser. Distinct. Mid-season.

	Each	3	12
L.	1.00	2.50	8.50
M.	.60	1.50	5.50

TOP FLIGHT (LaSalle). Outstanding new soft rose pink. Tall plants. Large wide open blooms, with as many as 8 open at one time. Mid-season.

L. each 3.00; M. each 2.00; S. each 1.00
Blbs. 10 for 1.00

FLASH

1948 - 1949 Introduction

RAE (Hatch). New variety that comes to us highly recommended. Blooms white at the base and flushed rose up through the flower, with a white lip. Beautiful color, with a hint of lavender. Nicely ruffled. As many as 10 open, with a total of 18 to 20 buds and blooms. Perfect placement, tall plants, strong grower and rapid increaser. Splendid cut flower and fine for exhibition. Blooms in 75 to 80 days.

Any size bulb, each \$5.00

RECENT AWARDS TO CARL SALBACH

GOLD MEDAL awarded in 1945 by the New England Gladiolus Society for achievement in hybridizing Gladiolus.

GOLD MEDAL awarded in 1944 by the American Iris Society for achievement in hybridizing Iris.

FOSTER MEMORIAL PLAQUE awarded in 1948 by the British Iris Society in recognition of work done with Iris.

ACHIEVEMENT AWARD from the North American Gladiolus Council in 1948 for meritorious work in promoting and bettering gladiolus.

FOUR SUPERB PATENTED GLADIOLUS

Patented because they are outstanding and a big advance in their various color classes. Because of the patents, no other grower has a financial interest in these varieties; so we are free to fix the prices in keeping with the amount of stock available. The popularity of these varieties is best evidenced by the number of awards they have received at the various shows.

CALIFORNIA (Salbach 1939). Sold under protection of U. S. Patent No. 359. Very large wide open clear geranium pink, with slightly deeper blotch in throat. Blooms of heavy substance and open well when cut. Tall plants, long flower spikes that are always straight. Grows and blooms especially well in dry hot climate. Won American Home Achievement Medal in Oakland, California, 1939 Show. Best single spike 1940 San Francisco World's Fair, also for best three spikes. Also first for best three spikes and first in Open Section 1943 West Virginia Show. Large, but not coarse. One of the best cut flowers. Early.

L. ea. 25c; 5 for \$1; 12 for \$2.25; 25 for \$4.25
M. 3 for .50; 12 for \$1.75; 25 for \$3.25

GRAND OPERA (Salbach 1938). Sold under protection of U. S. Patent No. 280. Definitely one of the most sensational gladiolus ever offered, for it not only sets a new standard for size, but has beautiful form as well as an appealing color. The first bloom grown from a small bulb actually "stole the show" at the California Festival 1933 show. First prize at the 1942 big Boston show. Blooms since then have been even more sensational. Florets have reached 8½ inches in diameter. Even the tip buds are large and resemble a slender rose bud. Grows from 5½ to 6½ feet high. Flowers are well placed, and as many as 5 to 7 open at one time. The color is between La France and Geranium pink, soft, but very clear in tone. A magnificent big gladiolus that isn't in the least coarse. Splendid seed parent. Mid-season. No medium or small bulbs or bulblets for sale.
L. only: each .50; 3 for \$1.25; 12 for \$4.50

KING OF HEARTS (Salbach 1939). Sold under protection of U. S. Patent No. 360. One of the largest of all gladiolus but yet not the least coarse. The individual flor-

ets measure from 8 to 8½ inches in diameter. The flower stalks are not thick, but are strong and wiry, adding to the grace of this fine variety. The plants are tall and vigorous in growth with long flower spikes, often 2½ feet long. Blooms are of heavy substance and perfectly placed and as many as eight open at once. Color is light coral red to salmon. A consistent prize winner. Won first for best single spike 1942 Boston Show, also first for best two spikes and first for Geo. W. Hunt trophy. At Akron, Ohio, 1943 show, first for best sectional Champion and first for best light salmon, also for best exhibition spike, also for best six blooms. Mid-season.

L. ea. 25c; 5 for \$1; 12 for \$2.25; 25 for \$4.25
M. 3 for .50; 12 for \$1.75; 25 for \$3.25

SIR GALAHAD (Salbach 1939). Sold under protection of U. S. Patent No. 356. A study in contrast, for the purity of its soft creamy yellow is enhanced by its diamond shaped blotch of rich crimson deep in throat. A pure and perfectly formed flower well named for Galahad, the perfect knight. Wide open perfectly placed florets on long straight flower spike with 6 of the 18 flowers open at once. Winner of many prizes including first for best single spike, amateur class at 1942 Boston show. At 1943 Akron, Ohio, show first in its color class, first in advanced amateur class and first in novice color class. Here is what a Los Angeles California customer says: "Sir Galahad was 6 feet high with tremendous flower head. I don't see how this glad can be improved upon." A very striking and beautiful gladiolus.

L. ea. 25c; 5 for \$1; 12 for \$2.25; 25 for \$4.25
M. 3 for .50; 12 for \$1.75; 25 for \$3.25

SPECIAL COLLECTION

Patented Varieties

- 6 large California
- 6 large Grand Opera
- 6 large King of Hearts
- 6 large Sir Galahad

Catalog value \$5.85 (24 large bulbs labeled)
Sent prepaid for \$5.00

GENERAL LIST OF GLADIOLUS

All our bulbs are plump, healthy, and both large and medium bulbs are of blooming size. Small bulbs usually produce blooms late in the season. Bulblets seldom bloom the first year, and a percentage of these "baby" bulbs always fails to germinate—the rest grow into bulbs, mostly small.

Large bulbs always produce the finest exhibition spikes, and sometimes throw several spikes to the bulb. Medium sized bulbs give excellent spikes, particularly when planted early in the season. Small sized bulbs seldom give much more than a short spike but produce large bulbs for the following season.

Large bulbs are $1\frac{1}{4}$ inches in diameter or over; medium are 1 inch to $1\frac{1}{4}$ inches and small bulbs are $\frac{1}{2}$ to $\frac{3}{4}$ inch. L. = large, M. = medium, S. = small Blbts. = bulblets. When the size is not noted, large size is implied.

For special collections see pages 6 and 15.

The 3, 12, 50 and 100 prices are applicable to one individual variety, not to different ones priced alike—no smaller quantities than those listed.

Please Note—Our Gladiolus bulbs were grown under the best of conditions, but as an extra precaution we fumigate all of our bulbs with methyl bromide, which gives 100 per cent kill of all insects and their eggs.

ADD $2\frac{1}{2}$ PER CENT TO COVER TAX ON ALL ORDERS FOR DELIVERY IN CALIFORNIA, AND ANY OTHER TAX THAT MAY BE IN EFFECT AT THE TIME.

These prices cancel all previous quotations.

This year our plantings are somewhat larger than the past year; however, we have only a limited supply of some varieties and suggest that you send your orders early. If you order late in the season please advise if we may substitute.

OUR STOCK

This year, we are again offering high class stock, and we feel sure that if we are favored with your orders, you will be pleased with the bulbs we send to you.

We are grateful to our many customers for the orders they have sent us during the past years, and also have a full appreciation of the many other courtesies that have been shown us from time to time.

ABU HASSAN (European). Blooms of good size in very deep rich violet blue with darker throat markings. The color is somewhat like the popular Leonardo da Vinci, but it is a much more vigorous grower with straight flower spikes of good height. A fine addition to this color class.

L. each .20; 3 for .50; 12 for 1.75

ASTRID (Milton Jack). Beautifully ruffled, large blooms in deep Persian lilac shading to bright rose on outer edge of petals. Lower petal deep rose with small soft cream line in center of carmine tongue. Tall vigorous growing plants with good size blooms of heavy substance. Especially fine under artificial light. Mid-season.

L. each .75; 3 for 1.85; 12 for 6.50

BENISON (Palmer). Very attractive clear white, slightly tinted lavender. Blooms are of medium size, and good substance and always well placed. As many as ten open at one time. A good grower and free bloomer. Very fine cut flower. Mid-season.

	Each	3	12
L.	.25	.65	2.25
M.	.20	.50	1.75
S.		.35	1.25
Blbts.	25	for	1.00

BERNADETTE (Silva 1947). Large, tall growing, flesh pink shading to creamy white throat. A Sport of Picardy but does not resemble it in the least. Taller, larger and different color. Can be cut with long stems without interfering with foliage. Should become a good florist variety. Splendid cut flower. Early.

	Each	3	12
L.	1.25	3.50	12.50
M.	.75	1.85	6.50
Blbts.	20	for	1.00

BLACK OPAL (Australian). After having grown this variety for several years, we are inclined to place Black Opal near the top of the list of the dark reds. Not quite as dark as Moorish King or Black Magic, but a very rich dark red that produces fine long spikes of large well placed blooms. A splendid grower and a good increaser—in fact, has all the good qualities that go to make a high-class gladiolus. Award of Merit, British Gladiolus Society. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00

BLUE BEAUTY. Another fine rich blue from Europe. A bit lighter than Blue Admiral. Good habit, with 5 to 6 of 18 buds open at once. The best medium blue. Large florets. Early.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00

BLUE ICE. See page 4.

BRET HARTE. See page 4.

BURMA (Palmer). A very large heavily ruffled rich deep rose, shading to lighter throat. Opens up to 8 florets at one time. Medium height. Vigorous. Mid-season.

	3	12	50
L.	.35	1.25	4.50
M.	.30	1.00	4.00
S.	.20	.75	2.75
Blbts.	50	for	1.00

CALIFORNIA. See page 6.

CANDY HEART (Salbach 1938). We consider this one of our best originations. Very large wide open blooms of a soft clear flesh pink with bright carmine blotch in throat. Cheerful and pleasing color combination. A Canadian customer says: "They all liked the fine light color and giant florets." An Ohio customer says: "Your Candy Heart is as beautiful a thing as I ever had." A vigorous grower and rapid increaser. Early mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00
S.	.15	.50	1.75	3.00
Blbts.	100	for	1.00	

COMMANDER KOEHL. A magnificent deep red that is both bright and rich in color. Tall with long flower spikes, one of the best in its color tone. Six to eight wide open florets open at once.

	3	12	50	100
L.	.35	1.25	4.50	8.50

CONNECTICUT YANKEE. Very large clear blush pink with soft red blotch in throat. Six to eight perfectly placed blooms open at one time. Tall plants, long flower head and straight stems. Unlike any of the other pinks. Good show flower and should be popular as a cut flower. An exceptionally fine light pink. Mid-season.

	Each	3	12
L.	1.00	2.50	8.50
M.	.75	1.85	6.50
S.	.50	1.25	4.50
Blbts.	20	for	1.00

CORONA (Palmer). Large creamy white, tinted pink and with picotee edge. Very popular. Mid-season.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.25	.85	3.25	6.00

EGLANTINE (Scheer). Very rich clear warm pink shading to cream throat. Very large beautifully ruffled blooms perfectly placed on long flower spike. Eight to ten open blooms. Medium tall. Mid-season.

	Each	3
L.	2.50	7.00
M.	1.50	4.00
S.	1.00	2.50
Blbts.	10	for 2.50

ELIZABETH THE QUEEN (White). Very large ruffled clear lavender with a touch of rose in throat. Plants are medium tall with a long flower spike. Seven to eight blooms open at one time. One of the best of the lavenders. Early mid-season.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.30	1.00	4.00	7.50
S.	.20	.75	2.75	5.25
Blbts.	100	for	1.00	

ETHEL CAVE COLE (Cave). One of the finest new light pinks. Large round blooms with many open. Tall plants with long straight flower spike. Good grower.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.20	.75	2.75	5.25

ERREY'S SCARLET (Errey). Large scarlet red shading to deeper red in throat with 10 to 12 perfectly placed blooms on tall plants with long flower spike. Fine exhibition variety. Mid-season.

	3	12	50
L.	.45	1.65	6.00
M.	.35	1.25	4.50
S.	.25	.85	3.25
Blbts.	25	for	1.00

EVANGELINE. See page 4.

FESTIVAL QUEEN (Salbach). A huge clear geranium pink self with soft carmine markings on lower petals. Immense blooms over 6 inches across. Five to six open at one time, with 12 or 13 buds to come. Consistently placed and correctly faced, stems always straight. One of the parents of Grand Opera, our sensational giant pink. Festival Queen is a "must have" for breeders because its characteristic huge well expanded florets carry on freely in its offspring. Wide rounded blooms give the appearance of greater size. Available at a much lower price than others of the new "giant" gladiolus.

	3	12
L.	.40	1.50
M.	.35	1.25

FIREBRAND (Butt). A magnificent, bright, medium deep red, shading to slightly deeper throat. Large blooms of firm substance, perfectly placed on a long, straight flower head. As many as 8 to 10 blooms open at a time. The buds are very decorative, resembling rose buds. Vigorous grower and rapid increaser. Near the top of the list of reds. Mid-season.

	Each	3	12
L.	.20	.50	1.75
M.		.35	1.25
S.		.25	.85
Blbts. 50 for 1.00			

FLYING FORTRESS (Wilson). Immense blooms in lavender toned smoky, prominent red tongue on lower petals. Eight well placed large round blooms open with many buds. Good growing habits. Most unusual. Late mid-season.

	Each	3	12
L.	.35	.85	3.00
M.	.25	.65	2.25
Blbts. 25 for 1.00			

FUCHSIA BELLE (Almey). Deep velvety rose red self. Tall plants. Long straight flower spikes with 8 to 10 open blooms that are perfectly placed. Vigorous grower. Rapid increaser. Mid-season.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
S.	.25	.65	2.25
Blbts. 25 for 1.00			

GENERAL EISENHOWER. See page 4.

GENGHIS KHAN (Scheer). A deeply ruffled clear pink of large size and heavy texture. Soft rose feathering on lower petals. Tall plants, straight stems, long flower spike with many open blooms. An outstanding ruffled pink.

	Each	3	12
L.	.50	1.25	4.50
M.	.35	.85	3.00
S.	.25	.65	2.25
Blbts. 25 for 1.00			

GOLDEN STATE (W. T. Wheeler, 1943) (Picardy x Golden Goddess). A big new clear yellow that gives promise of being near the top of the list of yellow. The blooms and flower spike resemble Picardy except in color. Tall plants, long flower spike, many open blooms. Mid-season.

	each	3	12	50
L.	.20	.50	1.75	6.50
M.		.35	1.25	4.50
S.		.25	.85	3.25
Blbts. 25 for 1.00				

GRAND OPERA. See page 6.

GREEN LIGHT. Light greenish yellow. Blooms of good size and are nicely ruffled. Seven to eight well placed blooms open at once. Very unusual and pleasing color combination. Vigorous grower.

L. 3 for .30; 12 for 1.00; 50 for 4.00

GRENADIER (Palmer). Large bright bittersweet orange with scarlet feathering in throat. Good size blooms on tall stems. Heavy substance, good placement of blooms. Opens well when cut. Vigorous, healthy grower. One of the finest in the orange colors. Mid-season.

	Each	3	12
L.	.25	.65	2.25
M.	.20	.50	1.75
S.		.35	1.25
Blbts. 25 for 1.00			

OUR GLADIOLUS LISTING. The varieties we offer in this catalog have been selected, after many years observation, and we supply top quality stock.

GRETA GARBO. Another very fine new European introduction. Rosy buff tinted delicate pink. Large, well expanded blooms, well placed on a perfectly straight stem. The buds show a soft salmon rose shade and make a perfect color combination with the fully expanded flowers. Vigorous grower and rapid increaser. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00

HAWKEYE RED (Heaton). A brilliant orange red with brownish red throat marking. A sport of Vagabond Prince—is even a better grower than its parent. Blooms of good size, heavy substance, well placed on long flower head. Very bright and distinct. Mid-season.

	3	12	50
L.	.35	1.25	4.50
M.	.25	.85	3.25

JOHAN VAN KONYNENBURG. See page 4.

KING LEAR. Big ruffled velvety red purple. Five to six well expanded blooms open at one time. Long flower spike on slender straight stems. The richest of all the purples. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00

KING OF HEARTS. See page 6.

LADY JANE (Lake). Large clear cream with yellow on two lower petals. Six to eight well placed blooms open at once. Tall plants, long flower spike which is always straight. Good grower, rapid increaser. Stands heat. Early mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00
S.	.20	.75	2.75	5.25
Blbts. 50 for 1.00				

LA FIESTA (Salbach). This very outstanding gladiolus is in a color class by itself. A beautiful clear orange with golden orange throat markings. Medium size blooms of good substance, that are always well placed on long slender stems. Six to eight blooms open at once. Does not fade. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

LEADING LADY (Johnson). Tall creamy white, sport of Picardy that is tremendously popular, especially as a cut flower. Long straight flower spike with many open blooms. Winner of numerous prizes. Rapid propagator. Mid-season.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.25	.85	3.25	6.00
S.	.20	.75	2.75	5.25
Blbts. 50 for 1.00				

LIP STICK. See page 4.

MAID OF ORLEANS. A very large creamy white, of fine substance. Tall, straight spikes. One of the best whites. Very popular.

	3	12	50	100
L.	.30	1.00	4.00	7.50

MAMMOTH WHITE. Immense pure alabaster white. The large blooms are always well placed with six to eight open at once. Rigid stems that do not crook. One of the finest whites for cutting.

	3	12	50	100
L.	.35	1.25	4.50	8.50

MARGARET BEATON. Very large, tall, clear white, with small cherry blotch in throat. One of the finest of recent introductions. Winner of many prizes.

	3	12	50	100
L.	.30	1.00	4.00	7.50

MARGUERITE (Pommert). Big tall growing, clear watermelon pink with six to eight blooms open at once. Consistent prize winner. Vigorous grower. Fine cut flower. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

MISS VERMONT. See page 5.

MISS WISCONSIN (Krueger). A very pure glowing rose pink self of good size and fine form. Spikes are straight with 6 to 8 open blooms. Good grower and produces clean healthy bulbs. Excellent cut flower, especially fine under electric light. Much in demand. Stock scarce.

	Each	3	12
L.	.35	.85	3.00
M.	.25	.65	2.25
S.	.20	.50	1.75
Blbts. 20 for 1.00			

Here is what a customer from Nashville, Tenn., says: "Last year conditions here must have been ideal for glads. Mine were lovely, especially Grand Opera, Spotlight, Bagdad, and Elizabeth the Queen. Best of all was the way all bulbs threw bulblets, even Tip Top which seldom produces, gave a number of bulblets. Your big pinks, Grand Opera, California and King of Hearts thrived even during the hottest weather."

MOORISH KING. There are few gladiolus that attract as much attention both in the field and show room as Moorish King. No other variety has as rich a deep red color—a deep clear maroon self. Blooms are large, plants are tall and vigorous in growth. Tremendously popular. We sell out of large sizes each year.

L. 3 for .50; 12 for 1.75

MOTHER KADEL (Kadel). Very pleasing pure yellow without any other markings. Blooms of good form and good substance, well placed on a medium long flower head. Not especially large but in a class by itself because of its pure rich yellow color. Mid-season.

	3	12	50
L.	.35	1.25	4.50
M.	.30	1.00	4.00

MOTHER MACHREE. One of the most pleasing of all the so-called smoky varieties. A smoky apricot pink. While not new, it is still very popular.

	3	12	50	100
L.	.30	1.00	4.00	7.50

MRS. R. G. ERRY. See page 5.

MYRNA FAY. See page 5.

MYSTERY (Stinson). A new gladiolus that is striking in the garden and beautiful as a cut flower. Very large blooms in clear bright pink with prominent rose red feathering on two lower petals. Especially beautiful under artificial light. Tall vigorous grower. Long flower spike with 6 to 8 open blooms. Flowers well from small bulbs. A fine addition to this color class.

	Each	3	12
L.	.25	.65	2.25
M.		.50	1.75
S.		.30	1.00
Blbts. 50 for 1.00			

OKLAHOMA (Wilson). Good size blooms in delightful shade of lilac, with soft rose feathering over yellow on lower petals. Blooms well placed and firmly attached to strong straight stems. Clean growth, and generous producer of healthy bulbs. Nicely ruffled. One of the best of the so called smokies. Early.

	Each	3	12	50
L.	.25	.65	2.25	7.50
M.	.20	.50	1.75	6.50
S.		.40	1.50	5.50
Blbts. 50 for 1.00				

Orange Butterfly is a typical Primulinus Hybrid, being the result of a cross from a Primulinus species to a large flowering variety. It is especially desirable for small table decorations.



ORANGE BUTTERFLY

ORANGE BUTTERFLY (Salbach). Small flowering clear orange that has no competition. Blooms are about 2½ to 3 inches across and are beautifully poised on long slender stems. Often there are as many as ten blooms open at one time. One of the finest of the small flowering type. Mid-season.

L. 3 for .35; 12 for 1.25
M. 3 for .30; 12 for 1.00

ORANGE GOLD. See page 5.

OREGON GOLD (Majeski). Tall large attractive light yellow on long slender straight stems. Six to eight blooms open at once. Good grower and generous producer of bulblets that germinate easily.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.20	.75	2.75	5.25
S.		.45	1.65	2.75

ORIENTAL PEARL (Carlson-Puerner). Immense pearly white with slight rose shading deep in throat. Wide open blooms of very heavy substance. Tall stems, straight spikes, sturdy grower. One of the finest of the new varieties. In a class all by itself. Mid-season.

	Each	3	12	50
L.	.50	1.25	4.50	15.00
M.	.40	1.00	3.50	12.50
S.	.30	.75	2.50	8.50

PANDORA (Beatrice L. Palmer). Clear soft geranium pink with pale rose red feathering on two lower petals. 8 to 10 good size blooms perfectly placed on long straight flower spikes. Vigorous grower producing large healthy bulbs and a good supply of bulblets. In strong demand as a cut flower. We offer especially fine large bulbs. Stock limited.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.30	1.00	4.00	7.50
S.	.25	.85	3.25	6.00
Blbts. 50 for 1.00				

PATROL. See page 5.

PELEGRINA. In a class by itself in the deep indigo or violet blues. A most unusual flower. Especially good all-around habits for a blue.

	3	12	50	100
L.	.30	1.00	4.00	7.50

PHANTOM BEAUTY. See page 5.

PICARDY. A sensational flower of delicate pink. One of the most popular of all gladiolus. Large well expanded blooms of good substance, perfectly placed on long flower spike. Many open at one time.

	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.25	.85	3.25	6.00

PROSPERITY (Silva, 1947). Large heavily ruffled blooms in live rose pink shade. A Sport of Picardy, with the same good growing habits but more desirable color, with the added attraction of being heavily ruffled. Opens well, when cut in bud. Fine cut flower. Mid-season.

	Each	3	12
L.	1.25	3.50	12.50
M.	.75	2.00	6.50
Blbts. 25 for 1.00			

PURPLE SUPREME (Wilson). Tall growing clear purple with faint white line in center of petals. Well placed blooms of medium size on long straight flower spike. Good grower and rapid increaser.

	3	12	50
L.	.35	1.25	4.50
M.	.25	.85	3.25
S.	.20	.75	2.75
Blbts. 50 for 1.00			

RED CHARM. A very fine new medium dark red from Canada. Large wide open blooms of heavy substance well placed on long flower spike. Tall vigorous grower and good multiplier. We have grown this for two years and feel it is one of the very best medium reds. Early mid-season.

	3	12	50	100
L.	.35	1.25	4.50	8.50
M.	.25	.85	3.25	6.00
S.		.50	1.75	3.00
Blbts. 50 for 1.00				

ROSA VAN LIMA (Pfitzer). An excellent light rose pink from Holland. A color that is much in demand by florists. Tall plants, straight stems, blooms of good size and good placement. A good exhibition variety and excellent cut flower. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

SALMAN'S GLORY (New European). Large well placed blooms of light yellow with prominent orange red blotch on lower petals. Striking color combination. One of the good new ones from Europe.

	Each	3	12	50
L.	.20	.50	1.75	6.50
M.		.35	1.25	
Blbts. 50 for 1.00				

To our customers: Nothing gives us so much pleasure as the great number of letters we received from our customers telling us how pleased they are with our bulbs and seeds and the flowers they produce.

We take the greatest care to send out the finest bulbs and seeds and to see that they are properly packed and promptly shipped. Thousands of orders are mailed each year, and if for any reason a shipment is not satisfactory, we gladly make prompt adjustment. We have a full appreciation of the trust you place in us when you send in your orders and we will do our utmost to keep you on our list of satisfied customers.

SILVER WINGS (Ritsema). A white sport of Picardy that is somewhat similar to Leading Lady. The blooms are whiter and a bit wider open. The large slightly ruffled wide open blooms are well placed on long straight flower spike. Good growing habit and generous producer of bulblets. For the home garden we recommend either of these. Mid-season.

	Each	3	12	50
M.	.30	.75	2.50	8.50

SIR GALAHAD. See page 6.

SNOW PRINCESS. A very fine white of good size and form. Tall, with long flower spike and many open blooms that are always perfectly placed. Stems never crook. Snow Princess is one of the very best whites. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

SPARKS. See page 5.

SPIC and SPAN. See page 5.

SPOTLIGHT (Palmer). A most outstanding yellow of recent introduction. Blooms are clear medium yellow with scarlet blotch on lower petals. Opens six to seven good size blooms on long straight flower spike. Produces large size bulblets that often bloom the first year. Early mid-season.

	Each	3	12	50	100
L.	.20	.50	1.75	6.50	12.00
M.		.35	1.25	4.50	8.50
S.		.30	1.00	4.00	7.50

STRAWBERRY PEACH (Salbach 1944). Big wide open beautifully ruffled bright orange pink with soft scarlet blotch and feathering. Buds are clear grenadine pink. Blooms of heavy substance well placed on tall straight stems. 6 to 8 open blooms. Total of 16 blooms and buds. Good rugged grower. Opens to the tip when cut. Very beautiful, especially under artificial light. Fine cut flower. Much in demand. Stock limited. Mid-season.

	Each	3	12
L.	1.50	4.00	15.00
M.	1.00	2.50	8.50
S.	.75	1.85	6.50
Blbts. 10 for 1.00			

SUMMER GAL (Zimmer). First offered in 1944. Very large deep geranium pink with rose pink feathering in throat. Six inch florets of heavy substance. Medium tall straight stems. 6 to 8 well placed open blooms. Rapid increaser. Mid-season.

	Each	3	12
L.	.75	1.85	6.50
M.	.50	1.25	4.50
S.	.35	.85	3.00
Blbts. 20 for 1.00			

SUN SPOT. See page 5.

TIP TOP. An immense wide-open red which would undoubtedly have gained wide renown earlier in its career except for the fact it is a rather slow propagator. Generally recognized as one of the best reds in commerce. Six to eight of 18 to 19 buds open at once. Florets very large and habit ideal. Very tall. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

TOP FLIGHT. See page 5.

TRUE LOVE (Klein). Early ruffled shell pink in a beautiful shade. Very pleasing color. Good size blooms perfectly placed on straight flower spikes. Good grower, produces clean healthy bulbs.

	Each	3	12
L.	.25	.65	2.25
M.		.35	1.25
Blbts. 50 for 1.00			

VALERIE (D. S. Pruitt). A fine new Pruitt introduction in a soft scarlet, almost salmon, a totally distinct color and one much desired. Blooms are large and of heavy substance. Long flower spike, many blooms open. Mid-season.

	3	12	50	100
L.	.30	1.00	4.00	7.50

VAN GOLD (Van Voorhis). Very early clear deep golden yellow self. Medium large blooms, well placed on straight strong willowy stems. Because of its earliness to bloom and the fine rich color, Van Gold will be much in demand. Stock is not plentiful.

L.	each .25; 3 for .65; 12 for 2.25
Blbts. 25 for 1.00	

WHITE GOLD (Scheer 1943). Immense blooms in clear creamy white, shading to golden yellow throat. Four to six wide open blooms open at one time on good straight stems. Total of 18 blooms and buds. Vigorous grower, rapid increaser. Winner of many prizes. Mid-season.

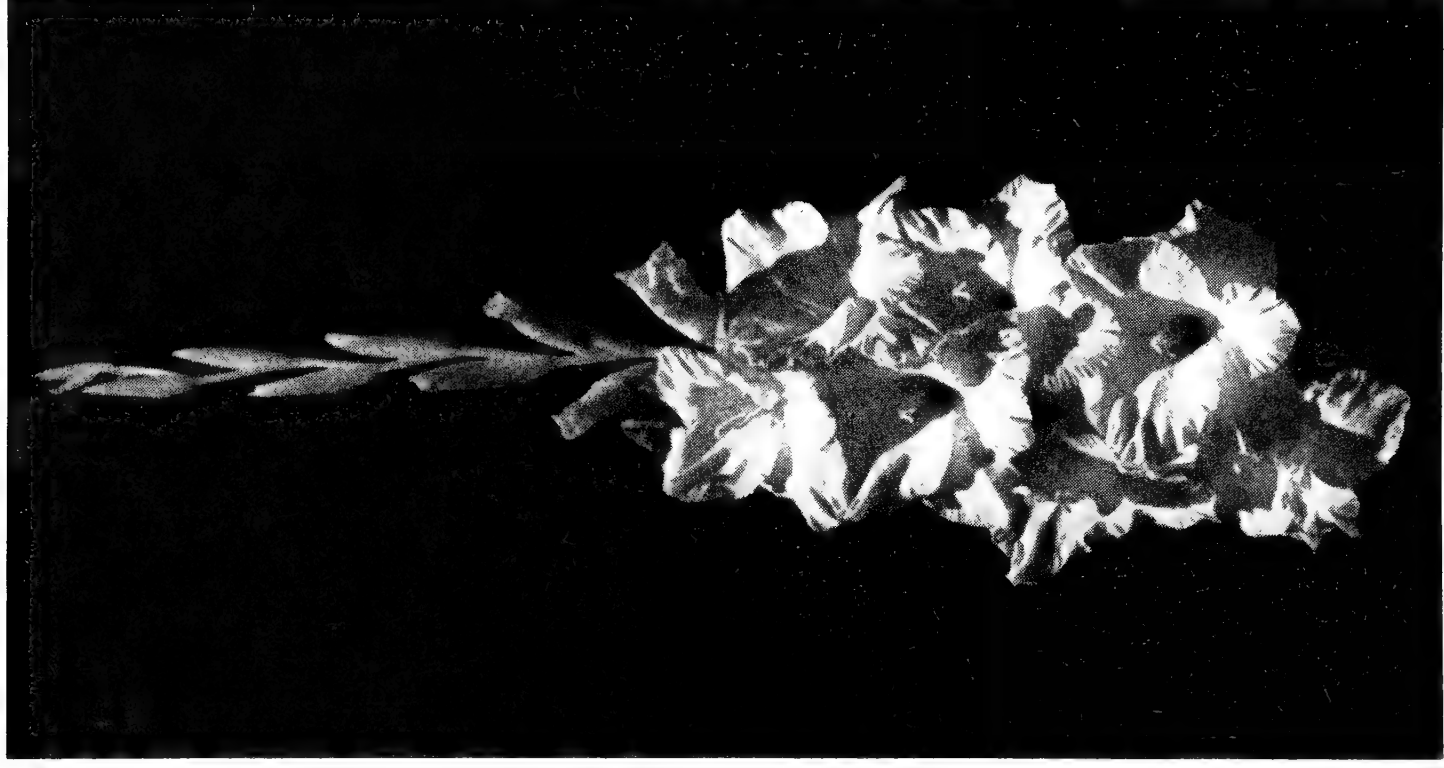
	3	12	50	100
L.	.30	1.00	4.00	7.50
M.	.20	.75	2.75	5.25
Blbts. 50 for 1.00				

YELLOW RUFFLES (Salbach 1943). Parentage unknown. Big, intensely ruffled, clear light yellow, with deeper yellow on two lower petals. Four to six large blooms open at one time. Each bulb produces from two to three flower spikes. Vigorous grower, medium tall, straight stems and heavy substance. Very attractive and a fine addition to the ruffled varieties. Mid-season.

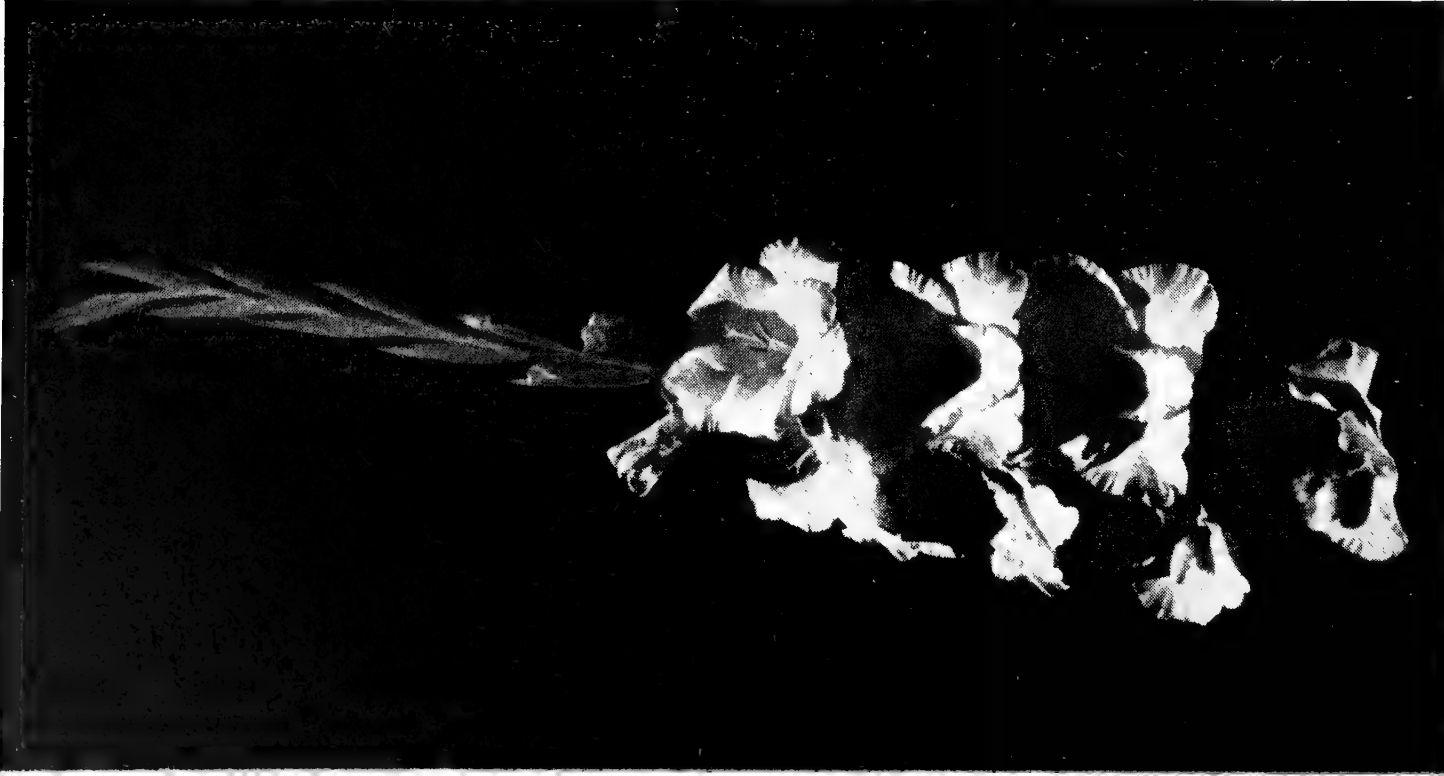
	Each	3	12
L.	.75	1.85	6.50
M.	.50	1.25	4.50
S.	.35	.85	3.00
Blbts. 20 for 1.00			



CONNECTICUT YANKEE



STRAWBERRY PEACH



FUCHSIA BELLE

1949 GRAND PRIZE ASSORTMENT

Fine balanced mixture made up from our regular stock of named varieties, but not labeled.

	12	50	100
Large bulbs	1.00	4.00	7.50
Medium size bulbs.....	.85	3.25	6.00

SPECIAL COLLECTIONS

POPULAR FAVORITES COLLECTION

Blue Beauty—blue.
 Burma—deep rose.
 Candy Heart—light pink.
 Corona—white, edged rose.
 Elizabeth the Queen—lavender.
 Lady Jane—light yellow.
 Leading Lady—big creamy white.
 Picardy—geranium pink.
 Red Charm—glowing red.
 Snow Princess—white.
 SIX large bulbs each, labeled (60 bulbs).
 Catalog value—\$5.75. By prepaid post for \$5.00.

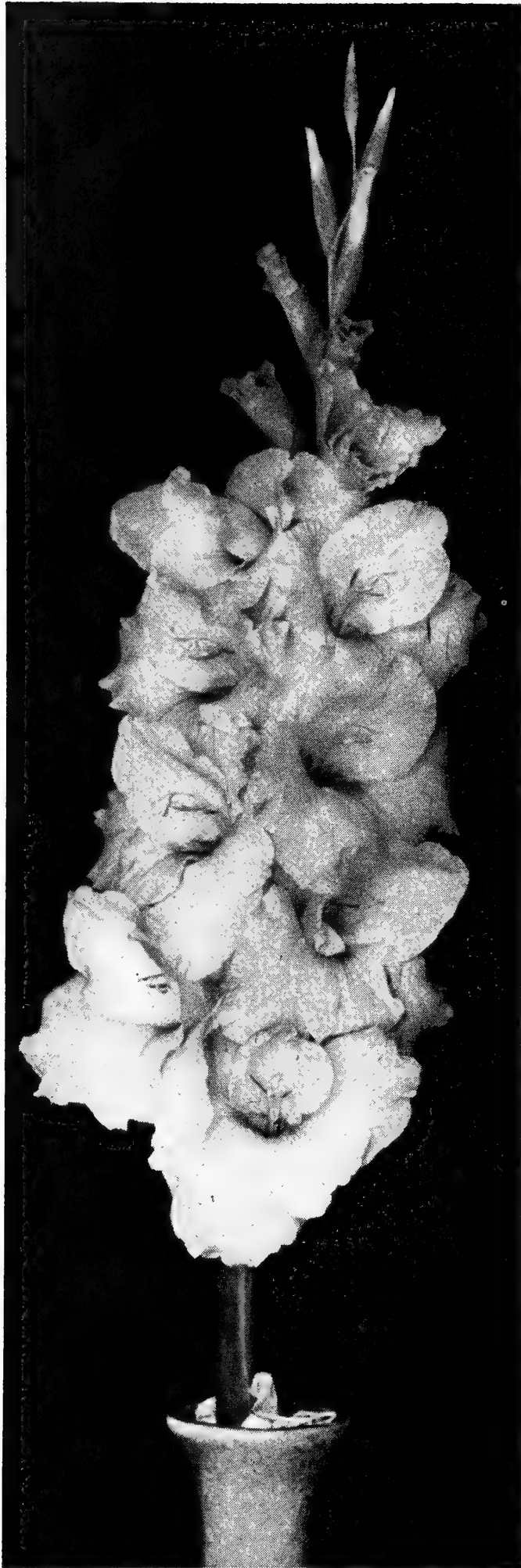
RECENT INTRODUCTIONS

Astrid—Persian lilac.
 Bret Harte—brilliant scarlet.
 Connecticut Yankee—clear pink.
 Fuchsia Belle—rose red.
 General Eisenhower—large deep pink.
 Genghis Khan—ruffled pink.
 Johan Van Konynenburg—tall scarlet.
 Lip Stick—ruffled pink, red blotch.
 Miss Vermont—lavender pink.
 Miss Wisconsin—deep rose.
 Myrna Fay—rosy lavender.
 Orange Gold—bright orange.
 Oriental Pearl—immense cream.
 Summer Gal—deep salmon.
 Yellow Ruffles—ruffled light yellow.
 ONE large bulb each, labeled (15 bulbs).
 Catalog value—\$9.30. By prepaid post for \$7.50.

NOVELTY COLLECTION

Bernadette—tall soft pink.
 Blue Ice—clear blue.
 Eglantine—salmon pink.
 Evangeline—tall ruffled lavender.
 Mrs. R. G. Erry—deep maroon.
 Phantom Beauty—tall pale pink.
 Prosperity—ruffled light rose.
 Sparks—light yellow.
 Spic and Span—tall clear pink.
 Strawberry Peach—ruffled orange pink.
 Sun Spot—ruffled apricot.
 Top Flight—soft rose.
 ONE large bulb each, labeled (12 bulbs).
 Catalog value—\$27.25. By prepaid post for \$25.00.

TESTIMONIALS



PANDORA

From Los Angeles, California

Grand Opera has never failed to top six feet, and to draw gasps of admiration from visitors to my garden. Thanks to your clean, vigorous bulbs, I am deep in the arms of a wonderful hobby.

From McLeansville, North Carolina

The order for the glads which I ordered in May was so nicely taken care of, and the 12 prize bulbs you sent were the most beautiful glads I have ever seen. Every one bloomed and were tops. Right here and now I put in my order for next spring.

From Beaverton, Oregon

I had wonderful success with the Patented Collection last year. California grew to a height of 6 ft. 8 in. All were gorgeous.

From Akron, Ohio

Last spring I ordered some fifty dollars worth of gladioli bulbs from you, which were shipped promptly and in good order. I can't begin to express the pleasure we have had from them. I gave a good many bouquets to ailing folks, and kept my family in flowers.

From Hattiesburg, Mississippi

I have had wonderful luck with the few gladioli bulbs purchased from you this season. In fact, those I purchased from you have been among the loveliest I have ever seen. Candy Heart and Sir Galahad cannot be beat for beautiful coloring.

From Armington, Illinois

California and Grand Opera 65" and 70" tall and wonderful bloom. Will want more.

From Commerce, Texas

Last year I had a few Sir Galahad and California that were the greatest glads ever grown in this little town. No one here had ever seen anything like them.

From New York City, New York

For your information I grow annually five to six thousand gladioli for my own amusement, and I want to compliment you on the quality of the bulbs you sent me for this year's planting. They were by far the finest in quality I have seen in many years.

Send your order as early as possible. Please suggest one or two second choices we may send if sold out of any varieties.

CARL SALBACH

GLADIOLUS, IRIS

Selected Seed Specialists

657 Woodmont Avenue, Berkeley 8, California

AMOUNT ENCLOSED \$.....

DATE.....

NAME.....

STREET.....

CITY..... COUNTY.....

STATE.....

Non-Warranty: I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of seeds, bulbs, rhizomes or plants sent out by me, and will not be responsible in any way for the crop. If purchaser does not accept the goods on these terms no sale thereof is made and purchaser must return them at once, and money will be refunded.

CALIFORNIA RESIDENTS: Add 2½ per cent to cover Sales Tax, except on goods delivered outside California

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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973). The *Chlorophyll a* and *Chlorophyll b* contents were expressed as $\mu\text{g g}^{-1}$ of fresh weight.

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

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TESTIMONIALS

From Des Moines, Iowa

Sir Galahad was very fine for us last summer in spite of heat and drouth. In fact Salbach's originations have always performed well for me, iris and glads alike.

From Ceres, Calif.

Where the summers are dry and warm. Have just cut the last of my glads. Candy Heart was especially tall and stately; they gave us continued pleasure for weeks and weeks.

From Havre, Montana

We had some wonderful flowers from bulbs I had from you last year. They were the envy of all that saw them.

From Mission, Kansas

This year as an experiment I purchased bulbs from a number of the leading growers of different sections of the country. I am happy to report to you that your "Recent Introduction Collection" produced the finest varieties of brilliant coloring and unusual size of any glads in my garden. These unusual blooms made my garden a neighborhood show place and you may rest assured I did not hesitate to inform all the visitors of the source of my fine bulbs.

From Roseville, California

Sir Galahad is about "the most out of this world" glad I have ever seen. Of all the 103 varieties we grow, your Sir Galahad rates tops.

From Edgewood, Rhode Island

The glads you sent last spring were "something out of this world," far superior to any seen here. Some measured 8½ inches across. The talk of all who saw them.

From Ballarat, Victoria, Australia

June Bride and Sir Galahad did wonderfully well. In the 18 blooms I put up for championship in our show, I had a lovely Sir Galahad. I won the cup.

From Adams, Massachusetts

I want to complete my collection of "Salbach Creations." You are to be congratulated on the wonderful job you are doing creating masterpieces that will head the list of superb gladiolus for years to come.



SNOW PRINCESS

HOW TO GROW GLADIOLUS

PLANTING

Gladiolus should be planted in spring after danger of frost is over. In regions where the weather is mild, planting can begin in January and continue until mid-July. In the Eastern and Midwest States, where severe cold prevails, April and May are the best planting months.

Plant the bulbs about four times their own depth. In a cool climate plant in full sun. Where the weather is extremely warm in summer a partially shaded place is best.

GROWING

Do not use dressing too freely at planting time. A little bone meal or any good commercial fertilizer dug deep into the ground before planting will give larger blooms. Fertilizer should never be allowed to touch the bulbs. The ground should be kept moist (not wet) until the plants come into bloom. Cultivate freely. The blooms can be cut as soon as the first two or three blooms are open. Always leave at least five leaves on the plant to help mature the bulb.

DIGGING AND STORING

Dig the bulb about six weeks or two months after they are through blooming. Cut the tops close to the bulb and burn the tops to destroy any insects that may be on them. Store in shallow trays or boxes in a cool, well ventilated, frost-proof storeroom. Remove the old dried corms from the new bulb as soon as they come off easily. This is usually several weeks after they are stored.

TO PROTECT OR SAVE YOUR OWN BULBS

If you have had thrips in your planting, you need not throw your bulbs away. When they are thoroughly dry, place them in paper bags with a sprinkling of naphthalene flakes, at the approximate rate of one ounce to 100 corms; in larger quantities use one pound to 1,000 corms. The paper bags should be closed—this can be done by folding the tops and fasten with ordinary paper clips. The bulbs should then be stored for three weeks at a temperature of 65 to 70 degrees. At the end of the three weeks remove the bulbs from the bags and place in open trays or open bags, and store in a cool, well ventilated room until planting time.

Note—The bulbs we supply have been thoroughly fumigated with Methyl Bromide and are free from insects.

HOW TO CONTROL THRIPS

Control of thrips is now very definitely a matter of record. In fact, one brief sentence tells the story—start the season with clean bulbs, then either plant early or spray regularly, or both.

PLANT EARLY

December and January are the safest months in Southern California; January and February in Central California; and March and April in most other places. Migratory thrips from neighboring gardens are not likely to reach such early plantings in time to injure the blooms. The damage is not from the first few thrips, but from the thousands of offspring that develop after several weeks of breeding.

START SPRAYING EARLY

Early planting should give uninjured blooms. Regular spraying while the plants are young will insure perfect blooms. We recommend any of the 5 to 6% D.D.T. sprays. These can be had from most of the Hardware or Seed Stores and some of the Department Stores. Most of these sprays require 1½ teaspoons full to the gallon of water. Start spraying at least once a week, and more if required, when the plants are 4 or 5 inches high, and continue until the blooms begin to appear. Bear in mind spraying is done early to keep down stray thrips in the early stages of the plant growth. It is difficult to control thrip after the plants have become heavily infested.

TUBEROUS BEGONIAS

This year we are offering an excellent strain of Tuberous Begonias. We can supply the following:

DOUBLE CAMELLIA TYPE

Pink, Rose, Crimson Rose, Scarlet, Orange, and Dark Red.

HANGING BASKET TYPE

Pink, Rose, and Scarlet.

These are all large size bulbs. Each 50c; 3 for \$1.25; 12 for \$4.50.

We also have a very limited supply of Bridal Veil, a very fine white hanging basket type. Large bulbs—each \$3.00.

HOW TO GROW SEEDS

When sown outdoors, most seeds should be scattered over well pulverized ground, then covered lightly with a layer of finely pulverized soil or sand. Large seeds should be covered about twice their thickness. Keep ground moist during germination and while plants are small. Thin if plants are too thick.

If seeds are started in boxes or flats be sure that the bottom of the flat provides good drainage. The soil should be made up of equal portions of leaf-mold (or peat), sand and good garden loam. This should be screened to remove any hard lumps, stones or other coarse material. Wet the soil, preferably with boiling water, the day before planting. When the soil has dried out sufficiently to permit planting loosen the top slightly and plant seeds, not too close together. Barely cover with light soil, then firm the ground with a smooth board. Cover the top of the flat with a newspaper or cheesecloth. If the ground is moist at time of planting it will not be necessary to water at planting time. Too much water is apt to cause damping off. The soil should be kept "moist," not "wet." When the seeds begin to come up, gradually lift the paper or cheesecloth to permit air and light.

DAMPING OFF will occur only if flats are kept too wet or in a greenhouse without proper ventilation. Watering with a weak solution of clorox, about 5 to 6 per cent, we have found to be the best cure and preventive.

The plants should be transferred to other boxes when they begin to show the second pair of leaves. Prepare the soil as when seeds are just planted, but add a little well decayed manure to stimulate the growth. Transplant to open ground when the young plants are two to four inches high, depending on the natural growth of the various plants.

When seeds are sown directly in the ground in dry climate, it will be necessary to use a very light covering of peat moss or other good mulch to hold the moisture—otherwise the small plants will perish for lack of top moisture.

FLOWER SEEDS

ABBREVIATIONS — A. A. S., All-American Seed Selections; B. M., Bronze Medal; S. M., Silver Medal; H. M., Honorable Mention; A. M., Award of Merit; (a), annual, blooms for one year; (b), biennial, blooms for two years; (p), perennial, blooms the first or second year and continues indefinitely.

AGERATUM (a)

Dwarf all-summer blue annuals producing dense heads of fluffy flowers in different shades of blue. Used for edgings, bedding, rock gardens and pot culture. Grows in sun and half shade. Sow early in flats or in the open ground, thinning to 4 or 6 inches apart.

Blue Ball. Deep blue ball-shaped plants, 6 inches high **Pkt. 15c**

Midget Blue. S. M., A. A. S. 1940. Uniformly dwarf, 2 to 3 inches, covered with small true ageratum blue flowers..... **Pkt. 15c**

ALYSSUM, Madwort

One of the daintiest flowers for edgings and rock gardens. In moderate climate, sow any time of year, and cut plants back after each successive flowering.

Carpet of Snow (a). 3 inches tall. This alyssum is true to its name as the flowers produce a solid mass of white. So short it can be planted between stepping stones and also grown in pots and window boxes. **Pkt. 15c**

Saxatile Compactum (Gold Dust) (p). The plants are of spreading growth and covered all spring with bright golden flower heads. 8 to 10 inches tall..... **Pkt. 10c**

Violet Queen (a). New 6-inch plant, compact of growth and full of unfading bright violet flowers **Pkt. 15c**

ANTIRRHINUM—See Snapdragon.

AQUILEGIA, Columbine (p)

A graceful, hardy perennial that grows well in part shade. Blooms late in the spring and early summer. The long spurred flowers are beautiful for cutting. Seeds started in early summer will bloom the following spring. 2 to 3 feet tall.

Blue Shades. Long spurred. Beautiful clear blue.

Pink Shades. Long spurred. In various shades of delicate pink.

Mixed Hybrids. Orange, pink, rose, white. **Pkts. of any of the above, 25c each**

ASTERS (a)

This Crego wilt resistant strain is one of the very finest of the new types of asters, blooming from midsummer through the fall. The flowers are large, 3 to 5 inches, shaggy and long-petalled. Plants 2 feet tall and well branched. Start seed February to June and set the plants a foot apart in good, loose soil. Half or full sun.

Crego Giants—

| | |
|----------------------|------------------|
| Rose Marie | Dark Blue |
| Peach Blossom | White |
| Crimson | Mixed |

Any Pkt. 15c

1 Pkt. each of the five colors, 60c

AUBRIETIA

Rainbow Rock Cress (p)

One of the most colorful, low growing border plants. Clear rosy violet and lilac with masses of bloom in the early spring. Sow in late summer or fall. Full or half sun.

Large Flowering Hybrids.....Pkt. 15c

BABY BLUE EYES

Nemophila Insignis (a)

Baby Blue Eyes ranks with the California poppies as the finest California wild flowers for naturalizing, cover-planting with Dutch bulbs, window boxes and garden. A quick grower and early bloomer. Clear, light blue, cup-shaped flowers with white centers and lacy green foliage..... **Pkt. 10c; 3 for 20c**

BACHELOR BUTTON

Centaurea, Cornflower (a)

Jubilee Gem. A double dwarf variety for front border planting and for cutting. The 12-inch bushes are covered with deep cornflower blue blossoms. Plant in the fall for early spring flowers and in early spring for summer flowers..... **Pkt. 15c**

BROOM—Cytisus (p)

For Westerners who wish colorful and unusual shrubs, we have secured a limited supply of hybrid broom seeds. Can be grown on the Pacific Coast and elsewhere, where the winters are not too severe. Full color assortment, variegated in brilliant shades of red, pink, gold, apricot, brown, rose and orange. The shrubs grow from four to six feet high and are literally covered with bright small pea-shaped flowers. Valuable shrub for dry banks or large border planting. Mixed colors.....Pkt. 50c

CALENDULA

Cape or Winter Marigold (α)

Calendulas are the winter standby for flowers in the garden or house. Plant any time in full sun.

Campfire Sensation. Florists' strain. Large, dark orange with scarlet sheen, extra long stemsPkt. 15c

Chrysantha (Sunshine). Clear buttercup yellow, incurved petals, long stems. Pkt. 15c

New Glowing Gold. Clear bright golden yellow. Blooms of good size. Free bloomer. A splendid new calendula.....Pkt. 15c

Orange Fantasy. Florists' strain. Deep orange red, dark center. Long stems. Pkt. 10c

Yellow Colossal. New. Extra large Chrysantha type, 4½ inches across....Pkt. 15c

CALIFORNIA POPPY

Eschscholtzia (α)

The most colorful of all the California wild flowers and especially suitable for wild flower planting and for hillsides. The seed should be scattered broadcast. Grows 8 inches to 10 inches high.

True California Poppy (Copa de Oro). The cups of gold the early gold seekers found on the California hills and plains. Pkt. 10c; 3 for 25c

Dwarf Hybrids Mixed. New colors, soft pink, scarlet, chrome, copper and red. Pkt. 15c; 3 for 40c

CAMPANULA

Cup and Saucer Canterbury Bells (b). Cup shaped with a saucer-shaped calyx. Mixed colors. If sown in late summer will flower in the spring. 2 to 2½ feet.....Pkt. 10c

Annual Canterbury Bells (a). Mixed colors. Sow in February for summer blooms. 2½ feet.....Pkt. 10c

CANDYTUFT

Umbellata Dwarf Hybrids (α)

Low growing plants producing clusters of small fragrant flowers. Desirable for edgings, bedding and cutting. 6 inches high.

LilacPkt. 15c
RosePkt. 15c

CENTAUREA—See Bachelor's Button.

CARNATION (p)

Carnations are valued almost as much for their spicy fragrance as for beauty of bloom. Seeds may be started any time and make 18-inch to 24-inch plants.

Chabaud's Giant Double Mixed. Flowers are 2 inches to 2½ inches across and very abundant. The plants bloom almost continuously and begin to flower 5 months from planting. Colors, red, white, yellow and pink. Mixed only.....Pkt. 15c

CINERARIA (α)

One of the few shade loving plants. Flowers salmon, azure blue, deep red, violet blue, 2 to 4 inches across. Plants 15 to 18 inches tall, basal branching, suitable for pot culture and bedding. Start in flats fall or spring. This seed is from a race of giants. Pkt. 35c; 3 for \$1.00

COLUMBINE—See Aquilegia.

COREOPSIS GRANDIFLORA (p)

Double New Gold. Semi-double, shining-gold flowers with long willowy stems. An excellent cut flower. Plants 2 to 3 feet spreading and full of bloom. Will flower the first spring if planted in early fall. Drought resistant and grows in sun and part shadePkt. 15c

CORNFLOWER—See Bachelor Button.

CYNOGLOSSUM

Chinese Forget-Me-Not (α)

Firmament. A new All-American Selection. A dwarf, bushy plant bearing bright, indigo blue flowers. Summer plantings bloom in late fall and winter; early spring planting in the summer. Often self-sows. 15 inches to 18 inches high.....Pkt. 15c

DAHLIAS

Annual—perennials

Dahlias grown from seed produce full-size bushes and flower freely the first year. These plants make clumps of tubers that can be divided for the following season. See page 23.

DAHLIA SEED

Annual-Perennials

It costs no more to grow plants from the best seed than the poorest. We have grown dahlia seed for over twenty years and it has been our ambition to offer our customers the very best seed that can be produced.

Each year we test the seed from new named varieties and also seedlings of our own. Those that prove to be good seed parents and produce good offspring are planted in our home garden where all of our seed is produced.

Many dahlias that are now in commerce have been produced by our customers from seed purchased from us.

A packet of our Selected Dahlia seed costs \$2.50 and will produce from 60 to 75 plants that will grow into full size bushes and give abundance of blooms the first year. No two of these will be alike and there is always the chance of producing a new variety that is outstanding enough to be named, registered and sold commercially. Each plant will produce a clump of tubers that can be divided and planted the following season.

Dahlia seed of all types is best started in flats. February is good planting time in California, March or April where frosts last longer. Some of the seeds will sprout in a week or ten days, others take five or six weeks. Six weeks will be required to grow the plants big enough to set out—after all danger from frost is over.

Dahlia seed is not sold in smaller quantities than indicated.

SELECTED DAHLIA SEED

Large Flowering

Gathered from the finest varieties and the best known seed parents.

50 Seeds.....Pkt. \$1.50
100 seeds.....Pkt. \$2.50

MINIATURE DAHLIA SEED

Miniature dahlias are from 2½ to 3½ inches in diameter and are cactus, semi-cactus and decorative in form. They are very popular as cut flowers for home and for florists. We have a very fine strain of seeds.

100 seedsPkt. 25c

Available in December.

DWARF BEDDING TYPE

SALBACH RE-SELECTIONS. One of the most outstanding of all recent seed offerings, being ideal for bedding, fine for cutting, and having a long blooming period. Single and semi-double flowers on plants 12 to 20 inches high. Especially desirable for massing. Can be planted a foot apart. Seed germinates easily. Plants bloom the first year from seed, and produce tubers that can be planted the next season. 100 (or more) seeds to packet.



FROM SPECIAL XXXX DAHLIA SEED

Special XXXX Mixture. Selected from the finest and most floriferous plants.

100 seedsPkt. 25c

DAHLIA SEED TESTS. During 1947 and 1948 we especially tested our large flowering dahlia seed, and as a result have a number of very promising new dahlias, several of which will be named and introduced as soon as there is sufficient stock. Our this year's seed is even better.



PACIFIC STRAIN DELPHINIUM

DELPHINIUM

Perennial Larkspur (p)

Pacific Strain

Delphinium is the tallest and stateliest of all garden flowers. The Pacific Strain developed by Frank Reinelt produces most perfect, well-balanced spikes, 4 to 8 feet high. The individual florets 2 inches to 3 inches across, almost all double and never coarse. This strain is particularly mildew resistant. For best germination, seeds should be put in the refrigerator for a week and started with a bottom heat and cool overhead temperature. In hot weather the germination and growth are very poor. Plants should be in full sun and in rich, well-drained soil. All our seed comes from the originator of this strain.

Full packets (over 400 seeds)

Half packets (over 200 seeds)

Delphinium seed is not sold in smaller quantities than indicated below.

Hand-Pollinated Seed

Full Pkts., \$2.50

Half Pkts., \$1.25

Blue Jay. Bright, clear, medium blue, with contrasting bee.

Galahad. Pure glistening white of heavy satiny texture. The florets are full and 3 inches across.

Guinevere. Light lavender pink, white bee.

King Arthur. Brilliant royal violet.

Balanced Mixture. Of shades above.

Self-Pollinated Seed

Any of the above named delphinium seed or mixture. Full packet.....50c

GLIA FAIRY STARS

Jewel Flower (α)

A California wild flower admirably adapted to borders and rock gardens. Tiny star-like flowers so abundant they make a solid mass of bright autumn colors. Sow broadcast September to June. 5 inches. Pkt. 10c; 3 for 20c

GODETIA, Satin Flower

Farewell-to-Spring (α)

Kelvedon Glory. A dwarfed hybrid from the long-legged wild godetia. The plants are bushy, 12 inches to 18 inches high and covered with salmon-orange flowers of poppy shape. Blooms more freely in light soil and bright sunshine. A fine cut flower. Grows best in cool climates. Start in flats late fall or early spring. In mild climate plant out of doors in late fall or early springPkt. 15c

HELIANTHEMUM, Sun Rose (p)

A most delightful dwarf evergreen perennial. Spreading, dense matty growth can always stand pruning. Covered with brightly colored flowers resembling miniature single roses. Yellow, bronze, red, pink, rose, apricot, orange and similar shades. Fine for steep terraces, dry rock walls or any reasonably sunny place in the garden. Grows 3 inches to 5 inches high. Best started in flats in late fall or early spring. Easily grown.
Pkt. 25c

ICELAND POPPIES

Papaver Nudicaule (α)

Often grown as a biennial. Compact plants with fern-like foliage, graceful wiry stems, flowers often 4 inches across, in shades of pink, orange, yellow and white. Blooms freely in early summer and more or less all year. Better where it gets frozen in all winter. Sow the seed where it is to bloom. August to November; January to March. If started in flats, transplant when very small 15 to 36 inches high.

Gartford Giants Mixed. A new strain. The flowers are the largest and the stems the longestPkt. 25c

LINARIA—Wild Snapdragon

Toad Flax (α)

Fairy Bouquet. Tiny snapdragons in bright pastel colors. Planted close and half-starved they make a solid mass of color. Sow in the open ground in the fall and again in the spring. 8 inches to 10 inches.....Pkt. 10c; 3 for 20c

LOBELIA (α)

One of the most satisfactory of all annual border and window-box plants. Start in flats fall or early spring, transplant outdoors 6 inches apart. 4 to 6 inches tall.

Cambridge Blue. New light blue, large flowering.

Crystal Palace. True dark blue, dark foliage.

Emperor William. Gentian blue, green foliage.....Pkts. 15c each; 3 for 35c

LARKSPUR, Annual Delphinium (α)

Giant Imperial Strain. This strain is tall, basal branching and upright, needing only half the space of the older types. Long spikes of double flowers. The seed should be chilled before sowing in either fall or spring, as it is slow to germinate. 4 to 5 feet. Plants should be dusted with sulphur when 10 inches high and again when 3 feet high.

Blue Spire. Dark blue.....Pkt. 15c

Carmine KingPkt. 15c

Lilac Queen.....Pkt. 15c

Pink Perfection. 1939-1940. Lively luscious light pink, long spikes of closely placed 2-inch florets. Early blooming...Pkt. 15c

Rosalind. 1939-1940. A new color, rose suffused salmon. Center spike 4 to 5 feet long, six to eight side branches 3 to 4 feet long.
Pkt. 15c

Super-Majestic Rose Pink. 1940. A planting of this new larkspur at the seed farm was simply stunning, a solid mass of plants 6 feet high, covered with large clear rose-pink blooms. The plants are compact and base branching.....Pkt. 15c

White King. Pure white. S. M., A. A. S., 1937. Fine habitPkt. 15c

Group Collection. One packet each, all seven varieties listed above.....75c

Exquisite Mixed. Blush pink, blue, carmine, light rose pink, lilac, salmon, white and other colors.....Pkt. 15c; ¼ oz. 35c

MARIGOLDS (α)

Sow in early spring, either in flats or outdoors. Will thrive even in the driest and sunniest locations and the long lasting blooms continue to appear for months. Don't overfeed or overwater them.

GIGANTEA. 3½ to 4 feet. The largest marigolds yet developed, 5 inches in diameter. Have a definite sweet scent. Full centered flowers of fairly loose formation, with broad heavy petals gracefully overlapping. A small per cent come single.

Gigantea Orange. Rich orange....Pkt. 15c

Sunset Giants. Deep orange to primrose.
Pkt. 15c

Pot o' Gold. 1940. Dwarf gigantea, bright deep golden orange in color. 12 to 15 inches. Very early flowering, from 7 to 8 weeks. Come 100 per cent double. Flowers 4 to 4½ inches across, with 10- to 12-inch stems. Besides being a fine cut flower it is an excellent bedding plant.....Pkt. 15c

CARNATION FLOWERED. The well-known, extremely popular, loosely ruffled, broad petaled flower form, on 2- to 2½-foot branching plants nearly 100 per cent double.

Improved Guinea Gold. Reselected strain. Orange, loosely ruffled.....Pkt. 15c

Yellow Supreme. Creamy lemon yellow. Fine cut flower. G. M., A. A. S. '35.
Pkt. 15c

DWARF FRENCH DOUBLE. The dwarf French marigolds are symmetrical plants of dwarf, compact habit with a wide range of colors. They have a long blooming season, and are splendid for borders and edgings.

Scarlet Glow. All-America Award for 1941. The largest and brightest red dwarf French marigold. Flowers are bronzy red, some shaded russet and gold. Compact plants. 10 inches.....Pkt. 15c

Yellow Pigmy. Light lemon yellow, dwarf and compact tiny flowers. Lilliput type of bloom, 1 inch in diameter. Free flowering. 8 inches.....Pkt. 15c

Harmony Hybrid Mixture. Dwarf and double. Flowering two and a half months after seed sowing. No strong marigold odor. Color range, orange, golden yellow and maroon, solid colors, and blotched and striped combinations. All the crested centers with broad guard petals...Pkt. 15c



GIGANTEA MARIGOLD

MORNING GLORY—Ipomea (α)

Soak the seeds over night and plant in open ground after the weather is warm. Keep the plants rather dry to induce early and abundant flowering.

Heavenly Blue. Clarke's Strain. One of the finest blue flowers.....Pkt. 15c

Pearly Gates. New. Great pearly white flowers, 25 per cent larger than Heavenly BluePkt. 25c

NASTURTIUM

Double Gleam Hybrids (α)

Plants are semi-dwarf, throwing short runners. Stems are long and bear the flowers well above the foliage, forming a solid mass of color. Noted for sweet scent, rich and brilliant colors.

Mixed Gleam Hybrids.....Pkt. 10c; oz. 25c

PANSY—Heartsease (α)

The best known and most popular of all the garden flowers. Pansies bloom more freely in the sun but bloom longer in half shade and have longer stems. The soil should be loose, rich and well drained. Frequent feeding induces giant blooms. The old flowers should be cut off. Start the seeds in flats, fall or spring.

Pansy "Best-by-Test" Strain

Each year, we visit the various seed farms, where practically all of the best pansies are grown. We also carry on tests of our own.

As a result, we offer what we feel is one of the best strains. The plants make good uniform growth, and produce an abundance of large blooms of fine substance, in well balanced rich colors.

Pkt. 50c; 3 for \$1.25. 1/16 oz. for \$2.00

PENSTEMON

Beard Tongue (p)

A fast-growing plant with large tubular flowers like foxglove. Colors range from light pink and rose to mauve and violet, the lighter colors predominating. Bloom from May to fall and can be cut back for next year's flowering. 2 feet high. Grow in sun or part shade and grow best in light mellow soil. Best started in flats in spring or fall.

Gloxinia Flowered Hybrids. A new giant flowered strain.....Pkt. 15c

PETUNIAS (α)

There are few flowers that are as colorful and bloom over as long a period as petunias. They are easy to grow, and thrive in almost any kind of soil or climate. They are especially desirable for borders, window boxes, and grow well in flower pots. They prefer a sunny place, and only require a moderate amount of moisture. The seeds are very small, and should be started in flats. It is best to mix the seed with sand, and sow thinly in well screened soil.

Large Flowered Singles

Dwarf Giants of California. New mammoth mixture. No one thing at the California seed farms gave us as big a thrill as a view of a block of these magnificent mammoth ruffled petunias in full bloom. Plants literally covered with blooms of immense size—beautifully ruffled—and in most pleasing shades of light pink, coppery pink, variegated pink, and soft rose pink. Wide open throats. No heavy magenta colors. Compact and early..Pkt. 50c

Balcony Type

Free of bloom, even of growth

Blue Wonder. Dark violet blue.....Pkt. 15c

Flaming Velvet. (G. M., A. A. S.)

Deep mahogany red.....Pkt. 15c

WhitePkt. 15c

Balcony Type Mixed. Velvety red, blue, rose, white and other colors.

Pkt. 15c; 1/32 oz. 50c

Dwarf Bedding Type

Celestial Rose (Improved Rose of Heaven). Rose pink, cream throat.

Pkt. 15c; 1/32 oz. 50c

Silver Blue (Heavenly Blue). Clear light bluePkt. 15c

PHLOX—Drummondi (α)

Gigantea

One of the easiest grown and most satisfactory of all summer annuals. Fine for bedding, borders and cutting. Start in flats September to May; transplant to a sunny location, 6 inches apart, for best color effect. 8 to 15 inches high.

Salmon Glory. New. Pure salmon with creameye. Florets 1¼ to 1½ inches across.

Pkt. 25c

Grandiflora Choicest Mixed.

Pkt. each 15c

PINKS—Dianthus (α)

Heddewigi Laciniatus

Colorful and of easiest culture in ordinary garden loam. Biennial in mild climates. The best color effects are from the single clear salmons and reds. Neat and compact in habit, producing hundreds of flowers. Excellent for edgings and the popular flower arrangements. Start in flats, September to May.

Salmon Queen. Single. A beautiful clear salmonPkt. 15c

Splendens (Giant Bright Eye). Single. The sweet-scented flowers are about 2 inches in diameter, brilliant crimson with a large white eye. Lacinated. S.M., A.A.S., 1935.

Pkt. 15c

Nobilis Giants MixedPkt. 15c

POPPY

See California Poppy, Iceland Poppy, or Shirley Poppy.

RANUNCULUS

Persian Buttercup (p)

Tecolote Giants. A bright, showy flower, usually grown from tubers, but actually more satisfactory from seed, as the latter are disease resistant. One packet does the work of dozens of bulbs. Yellow, red, scarlet, orange, white and other rich autumn colors, 2 to 2½ inches and very double. If started in flats in August to December will bloom the following spring. Likes well-drained, moist soil and a shady location. 12 to 15 inches tall.....Pkt. 50c

SALPIGLOSSIS

Velvet Flower (α)

New base-branching mixture. One of the easiest of annuals to grow, and a most aristocratic and colorful plant. Trumpet-like flowers which bloom profusely and are excellent for cutting. In crimson, gold, black, violet, brown, blue and other shades. February to May. 2½ feet.....Pkt. 15c

SCABIOSA

Pincushion Flower (α)

One of the best standbys for cutting and garden color. Blooms freely from July till frost. Sow in fall for early blooms and February to May for later flowers. Plants 3 feet.

Blue Moon. Deep rich lavender blue that is pink under electric light. Large flowers, ball-shaped with long strong stems. Very free flowering. H.M., A.A.S., 1939.

Pkt. 15c

Loveliness. Salmon-rose Pkt. 15c

Giant Double Hybrids Mixed. Pkt. 10c

PERENNIAL SCABIOSA

Scabiosa Caucasica. Giant hybrids. (Isaac House Strain) fringed and ruffled. Shades of blue from lavender to dark blue, very large flowers Pkt. 15c

SCHIZANTHUS

Poor Man's Orchid (α)

A very attractive annual with fern-like foliage, producing a myriad of little butterfly flowers, in various colors, that resemble tiny orchids. Can be started in flats in early fall or spring, or sown directly out of doors, depending on the climate. 1 to 1½ feet tall.

Giant Flowered Hybrids. An extra select large flowering compact strain containing a perfect blend of many colors... Pkt. 15c

SHIRLEY POPPY (α)

Sow in October to May where they are to flower. Thin to 6 inches apart. 2½ feet tall.

Double Mixed. Reselected strain which produces practically all double begonia blooms with full range of colors found in all the best blends of Shirley Poppy.

Pkt. 10c; 3 for 25c

SNAPDRAGON

Antirrhinum (p)

One of the best cut flowers. Grows best in rather light soil in a sunny location, and though perennials they are best treated as annuals. For early flowering, sow in the fall in flats and protect from frost. 2 to 3 feet.

Maximum Grandiflorum Rust-Resistant

Alaska. Pure white.

Ceylon Court. Yellow.

Campfire. Luminous scarlet.

Copper King. Copper red.

Loveliness. Soft rose pink.

Pink Glory. New. Large flowered and heavy spiked. Fine deep salmon rose.

Rosalie. 1940. A new color in snapdragons, a deep rich rose with an underlying tone of topaz. Base branching, 6 to 8 long flower spikes Pkt. each 15c

Group collection, one packet each (7) except mixed 85c

California Giants Exquisite Mixed.

Pkt. 15c; 1/16 oz. 35c

STOCKS

Gilliflower (α)

A new strain of this old favorite, with extra long spikes and large florets. Start in flats from July to April. In mild climates, sow the seed in the open ground during July and August for mid-winter blooms. Plants from 24 to 28 inches high.

Giants of California

Golden Gate. Yellow.

Monterey. Light pink.

Pacific. Dark blue.

Red Woods. Blood red.

Santa Barbara. Chamois.

Santa Maria. White.

Sequoia. Rose Carmine.

Tahoe. Light lavender.

Yosemite. Rose.

Giant Imperial Mixture.

Pkt., each 15c

Group Collection. One packet of each (9), (except mixed) \$1.00

SWEET PEAS (α)

Sweet peas do best where the nights are cool and days moderately warm. Plant in open sunny location, in deep rich soil, which must be well drained. Cover with 1 inch of fine soil. Do not water till all the seeds are up 1½ inch out of the ground, then water freely twice a week. If not sown in the fall, sow as early as the ground can be prepared in the spring. The varieties listed have the largest and best formed flowers, the longest and strongest stems and the most desirable blooming and growing habits.

Giant Spencer (Waved and Frilled)

Ambition. Lavender lilac.

Amethyst. Clear amethyst blue.

Brilliant Rose. Tyrian rose suffused bronze.

Melody. Golden salmon and pink on cream ground.

Pinnacle. Deep rose-pink.

Red Boy. Bright deep crimson.

Ruffled White. Pure white, ruffled and duplexed.

Smiles. Salmon to shrimp pink.

Pkt., each 15c

Sweet Pea Collection. One packet each of the eight colors 85c

Giant Ruffled Mixture. Flowers large and so much ruffled that they appear double. Includes many named varieties as well as many other colors of which there is not, as yet, sufficient stock to offer separately Pkt. 25c

THALICTRUM—Meadowrue (p)

Dipterocarpum

Dainty rose purple flowers produced on lacy fern-like sprays. Especially useful in informal gardens and fine as a filler in cut flower arrangements. 4½ to 6 feet. Plant May to October. Blooms from July to September. Best in partial shade and moist ground. Plant out of doors or in flats.

Pkt. 25c

VIOLA (α)

Like small pansies but blooming more freely and for a longer time. Do best in full sun. Start seed from August to March. 4 to 6 inches tall.

Brilliant Mixture. A new strain that is much brighter, gayer, larger, and generally improved. Far ahead of any other viola strain that we have seen.....Pkt. 15c

VIRGINIAN STOCK

French Forget-Me-Nots (α)

A hardy annual that can be sown in the open ground at frequent intervals through spring, summer and autumn. In California autumn sowings do best. Blooms in 60 to 90 days. Dwarf compact little plants. Fine for edgings and ground cover. 6 inches.

Finest Mixture. Small red, rose and white flowers about ¾ inch across.

Pkt. 10c; 3 Pkts. 20c; 1 oz. 35c

VISCARIA—Rose of Heaven (α)

A single pink-like flower, free blooming, making bright clumps in the border. Sow in well-drained, loose soil and a sunny or half-shady exposure. Fine for edgings, pot culture and cutting. March to May for summer flowering; September to October for early spring flowering. 1 foot tall.

Brilliant Mixed. Pink, rose, red, blue, and whitePkt. 15c

ZINNIAS (α)

March to July. Zinnias are hot weather flowers, bright and colorful in the garden and without peer in cut-flower arrangements. March is early enough to start seeds in boxes. When the ground gets warm the seeds may be sown where plants are to flower. Dig a trench alongside the row of plants and let the water run slowly for several hours, watering only once a week or every two weeks. Cultivate after each irrigation to conserve moisture. Blooms from early summer till hard frost. 2 to 3 feet tall.

Lilliput or Pompon Type

Blooms the size of, and resembling pompon dahlias. Small, round, compact flowers on strong stems. All shades of pink, rose, yellow, lilac, buff, crimson.

Lilliput Full Color Mixture

Pkt. 15c; ¼ oz. 35c

Tall Large Flowering Varieties

Super Crown O'Gold. Pastel tints. The very finest large flowered zinnia introduced since the original dahlia flowered zinnia.

Pkt. 15c

Dahlia Flowered

Huge fully double flowers, resembling decorative dahlias.

Canary Bird. Canary yellow.

Cherry Queen. Very large cherry red.

Crimson Monarch. Deep crimson.

Dream. Lavender.

Exquisite. Light rose.

Golden Dawn. Golden yellow.

Illumination. Deep rose.

Orange King. Large orange scarlet.

Oriole. Orange, gold bi-color.

Polar Bear. White.

Scarlet Flame. Bright scarlet.

All 15c Per Pkt.

Group Collection. All 11 varieties.....\$1.00

Gold Medal Mixture.....Pkt. 15c

Dahlia Seed (See Page 23)

From a Seattle customer: "Now with the war over, I, like many of your old customers, will be returning to renew old relations. I compliment you for your consistently high quality seeds and bulbs year after year. Keep up the good work, and your discriminating customers will always return."

AUNT MARY'S SWEET CORN

It is desirable to make several successive plantings. For best result plant in squares, the rows being 3½ to 4½ feet apart. Plantings of single rows should be hand pollinated.

"The sweetest corn that ever grew." That's what many of our customers say. New white sweet corn—95 days. Pkt. 25c; 3 for 65c; 7 for \$1.25.

A number of years ago our good friend Lee Bonnewitz of Van Wert, Ohio, sent us some seed of Aunt Mary's Sweet Corn for trial. We were so impressed with the fine quality of this new sweet corn that we arranged to list it in our catalog.

Aunt Mary's Sweet Corn was grown by the Bonnewitz family for many years and has only recently been offered to the public. It is supposed to have been originally obtained from the Indians.

After growing our own seed for several years, we decided to improve the strain. The stock we grow for seed is all from selected ears. As a result we offer the **finest seed** of Aunt Mary's Sweet Corn that can be had.

Aunt Mary's Sweet Corn is a vigorous grower and a generous producer of good big ears and is long lasting, even ears on which the husks are beginning to dry can still be used for the table.

We have never eaten a sweet corn with the same nutty sweet flavor.

Each year we receive many letters from customers in different parts of the United

States telling us of the fine qualities of this new sweet corn.

Here are a few:

Drew, Miss.

"It is the best table corn that grows."

Cincinnati, Ohio

"Last year I had an opportunity to eat some very excellent sweet corn, and when I inquired as to where it came from, was informed that the seed came from Salbach's in California. If this is true, will you kindly send me your catalog, that I might order some seed at once."

Indianapolis, Ind.

"This is the best corn I have ever eaten fresh, dried, canned, or frozen."

Riverside, N. J.

"My family loves corn, and this corn last year was the best we ever ate."

Webster Grove, Mo.

"The sweet corn (Aunt Mary's) is the finest and best I have ever eaten, and if the squirrels could write, I am sure they would give you one of the finest testimonials you have ever received on same."

Berkeley, Calif.

"Please send to my friend in Boulder City, Nevada, one packet of Aunt Mary's Sweet Corn. I had wonderful success with same here in Berkeley last year. The most delicious corn we ever tasted."

THE NEWSOM DAHLIA MANUAL

(Revised Edition)

Complete year-around directions for the care of dahlias. Practical instruction on preparing, planting, fertilizing and storing dahlias. Price 50 cents.

The gardens are open to visitors on weekdays from 8:00 a.m. to 5:00 p.m.; Sundays, 9:00 a.m. to 1:00 p.m.

Our Daffodils, Dutch Iris, Hyacinths, Tulips, and Flowering Cherry Trees will be in bloom late March and early April.

Bearded Iris, late April and May.

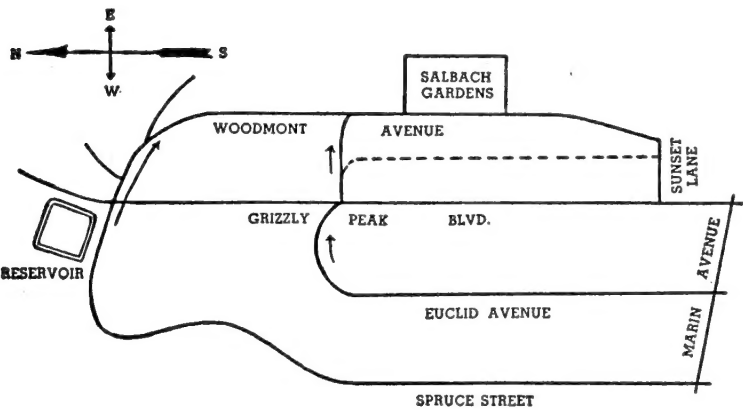
Gladiolus, July and August.

Most of our standard varieties are planted at our growing fields.

Map below indicates the best route to our gardens, which are located in the hills, north of Berkeley proper. Drive out Spruce Street to the Reservoir. Continue down Spruce Street 300 feet to Wildcat Canyon Road and Woodmont Avenue. Drive up Woodmont Avenue, passing the large glass houses to Salbach Gardens.

Coming by bus, take No. 7 bus at University and Shattuck in Berkeley. Transfer at the end of the line to the Grizzly Peak bus, and get off at Sunset Lane.

Turn left on Sunset Lane, walk two blocks to Woodmont, and turn left on Woodmont to the gardens.



Map above indicates the best routes to our gardens which are located in the hills north of Berkeley proper.

